



(TM)

Release 2.1D John F. Collins, Biocomputing Research Unit.
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MSrch_pp protein - protein database search, using Smith-Waterman algorithm

on: Wed Aug 20 09:52:47 1997; MasPar time 19.04 Seconds

Tabular output not generated. 576.613 Million cell updates/sec

Title: >US-08-469-637A-2
(22-401) from US08469637A.pcp (2 of 2)
Description: 2861
Sequence: 1 ETPPKYLHYDEFTSHQLC.....OKLFLEMIGNOVOSVKISCL 380

Scoring table: PAM 150
Gap 11

Searched: 91006 seqs, 28888923 residues

Post-processing: Minimum Match 0%
Listing first 45 summaries

Database:

pir51
1:unnn1 2:ann2 3:ann3 4:ann4 5:unnn1 6:unnn2 7:unnn3
8:unnn4 9:unnn5 10:unnn6 11:unnn7 12:unnn8
13:unnn9 14:unnn10 15:unnn16:unnn16:unnn16

Statistics: Mean 46.240; Variance 103.115; scale 0.448

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description	Pred. No.
1	398	13.9	461	6	A35356 tumor necrosis facto	7.85e-47
2	377	13.2	459	14	I48854 gene murine tumour n	3.33e-43
3	375	13.1	474	6	B38634 tumor necrosis facto	7.36e-43
4	303	10.6	277	13	A60771 B-cell activation pr	1.19e-30
5	294	10.3	289	14	A46515 B cell-associated su	3.73e-29
6	294	10.3	305	14	A46476 CD40 - mouse	3.73e-29
7	269	9.4	326	2	GOVZML T2 protein - myxoma	4.86e-25
8	260	9.1	325	6	B43592 T2 protein - rabbit	1.41e-23
9	260	9.1	325	3	B43592 tumor necrosis facto	1.41e-23
10	230	8.0	138	16	S32385 gene G4R protein - v	8.98e-19
11	230	8.0	349	8	D36858 G4R protein - variol	8.98e-19
12	221	7.7	454	14	I57826 tumor necrosis facto	2.33e-17
13	221	7.7	454	2	GOWSTI tumor necrosis facto	2.33e-17
14	220	7.7	451	2	GQRTT1 tumor necrosis facto	3.34e-17
15	215	7.5	416	6	JN0006 nerve growth factor	2.01e-16
16	213	7.4	427	2	GQHN nerve growth factor	4.11e-16
17	207	7.2	425	6	A26431 nerve growth factor	3.47e-15
18	186	6.5	461	14	JC4302 tumor necrosis facto	5.33e-12
19	178	6.2	595	13	A42086 CD30 antigen precurs	8.20e-11
20	172	6.0	455	2	GQHTT1 tumor necrosis facto	6.21e-10
21	162	5.7	260	2	A46517 CD27 antigen precurs	1.72e-08

22	159	5.6	256	14	B32393 T-cell antigen 4-1BB	4.60e-08
23	134	5.4	324	14	UC2395 Fas antigen - rat	2.33e-07
24	146	5.1	271	14	S12783 OX40 antigen precurs	3.01e-06
25	144	5.0	272	14	I48700 gene ox40 protein -	5.65e-06
26	141	4.9	255	13	J70752 lymphocyte activatio	1.44e-05
27	140	4.9	335	13	A38142 Apo-1 antigen, Fas a	1.97e-05
28	137	4.8	327	14	A46484 apoptosis-mediated	4.98e-05
29	134	4.7	250	2	A45053 CD27 antigen precurs	1.25e-04
30	134	4.7	314	13	I37383 Fas soluble protein	1.25e-04
31	134	4.7	335	13	A40036 apoptosis-mediated	1.4e-03
32	124	4.3	103	8	J01791 Sa1F16r protein - va	2.48e-03
33	124	4.3	103	8	A42523 A5R protein - vacci	2.48e-03
34	115	4.0	360	11	S48365 hypothetical protein	3.31e-02
35	110	3.8	535	10	B34576 D2 protein precursor	1.33e-01
36	105	3.7	213	3	VWU von Willebrand facto	5.14e-01
37	103	3.6	344	11	S61037 hypothetical protein	8.74e-01
38	104	3.6	614	12	S43427 intermediate filamen	6.71e-01
39	102	3.5	3084	3	MMMSA laminin chain A prec	1.14e+00
40	100	3.5	132	13	S57566 Fas/Apo-1/CD95 prote	1.91e+00
41	100	3.5	149	13	S58662 Fas-Delta-(4,7) prot	1.91e+00
42	101	3.5	713	11	JC6012 glutamine--fructose-	1.47e+00
43	101	3.5	1122	12	S64443 probable membrane pr	1.47e+00
44	100	3.5	2677	13	A38194 desmoplakin I - huma	1.91e+00
45	98	3.4	1947	3	S05697 myosin heavy chain C	3.19e+00

ALIGNMENTS

RESULT	ENTRY	1	ALIGNMENTS
	TITLE	A35356	#type complete
	ALTERATE_NAMES	tumor necrosis factor receptor type 2 precursor - human	
	ORGANISM	75K tumor necrosis factor receptor	
	DATE	14-Sep-1990	#sequence
		14-Sep-1990 #sequence	revision 14-Sep-1990 #text_change
		22-Nov-1996	
	ACCESSIONS	A35356; A36475; A48416; A36007; A23666; B35010; I38094	
	REFERENCE	A35356	
	#authors	Smith, C.A.; Davis, T.; Anderson, D.; Solam, L.; Beckmann, M.P.; Jerzy, R.; Dower, S.K.; Cosman, D.; Goodwin, R.G.	
	#journal	Science (1990) 248:1019-1023	
	#title	A receptor for tumor necrosis factor defines an unusual family of cellular and viral proteins.	
	#cross-references	MUID:90260639	
	#accession	A35356	
	#status	preliminary	
	#molecule_type	mRNA	
	#residues	1-461	#label SMI
	REFERENCE	A36475	
	#authors	Kohn, T.; Brewer, M.T.; Baker, S.L.; Schwartz, P.E.; King, M.W.; Hale, K.K.; Squires, C.H.; Thompson, R.C.; Vannice, J.L.	
	#journal	Proc. Natl. Acad. Sci. U.S.A. (1990) 87:8331-8335	
	#title	A second tumor necrosis factor receptor gene product can shed a naturally occurring tumor necrosis factor inhibitor.	
	#cross-references	MUID:91045991	
	#accession	A36475	
	#status	preliminary	
	#molecule_type	mRNA	
	#residues	1-195, 'R', 197-461	#label KOH
	REFERENCE	A48416	
	#authors	Dembic, Z.; Loetscher, H.; Gubler, U.; Pan, Y.C.; Lahm, H.W.; Gentz, R.; Brockhaus, M.; Lesslauer, W.	
	#journal	Cytokine (1990) 2:231-237	
	#title	Two human TNF receptors have similar extracellular, but distinct intracellular, domain sequences.	
	#cross-references	MUID:91370690	
	#accession	A48416	
	#status	preliminary	
	#molecule_type	mRNA; protein	
	#residues	23-461	#label DEM
	#cross-references	NCBIN:63368; NCBIIP:63371	

```

##note      sequence extracted from NCBI backbone
REFERENCE   A36007
#authors    Heller, R.A.; Song, K.; Onasch, M.A.; Fischer, W.H.; Chang,
#journal    D.; Ringold, G.M.
#title      Proc. Natl. Acad. Sci. U.S.A. (1990) 87:6151-6155
#cross-references MIMD:90349572
#accession  A36007
#status     Preliminary
#molecule-type mRNA
#residues   116-140, 'P', 142-195, 'R', 197-362, 'T', 364-461 ##label HEL
#cross-references GB:M35857
REFERENCE   A23666
#authors    Loetscher, H.; Schlaeger, E.J.; Lahm, H.W.; Pan, Y.C.E.;
#journal    Lesslauer, W.; Brockhaus, M.
#title      J. Biol. Chem. (1990) 265:20131-20138
#cross-references MIMD:91036048
#accession  A23666
#status     Preliminary
#molecule-type protein
#residues   23-40; 65-69; 136-141; 300-306 ##label LOE
REFERENCE   A35010
#authors    Engelmann, H.; Novick, D.; Wallach, D.
#journal    J. Biol. Chem. (1990) 265:1531-1536
#title      Two tumor necrosis factor-binding proteins purified from
             human urine. Evidence for immunological cross-reactivity
             with cell surface tumor necrosis factor receptors.
#cross-references MIMD:90110215
#accession  B35010
#status     Preliminary
#molecule-type protein
#residues   27-31 ##label ENG
REFERENCE   I38094
#authors    Kuhnert, P.; Kemper, O.; Wallach, D.
#journal    Gene (1994) 150:381-386
#title      Cloning, sequencing and partial functional characterization
             of the 5' region of the human p75 tumor necrosis factor
             receptor-encoding gene (TNF-R).
#cross-references MIMD:95121934
#accession  I38094
#status     Preliminary; translated from GB/EMBL/DBJ
#molecule-type DNA
#residues   1-37 ##label RES
#cross-references EMBL:X80021; NID:g66044; CDS_PID:9825701
GENETICS
#note      GDB:TNFR2
#map_position 1p36.2-1p36.2
#introns     26/3
#note        The list of introns is incomplete
CLASSIFICATION
#superfamily tumor necrosis factor receptor type 2; NGF
             receptor repeat homology
             duplication; receptor; transmembrane protein
KEYWORDS
FEATURE
1-22
23-416
40-76
78-119
120-162
164-201
262-279
280-461
171-193
SUMMARY
#length 461 #molecular-weight 48291 #checksum 5724
Query Match 13.9%; Score 398; DB 6; Length 461;
Best Local Similarity 43.8%; Pred. No. 7, 85e-47;
Matches 63; Conservative 19; Mismatches 55; Indels 7; Gaps 6;

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Db 45 yydqta-gmcskspgqahvfcfktsdvcscdsstyqqlwnvpeclscgscsd 103
      |::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|
Qy 31 YDETSHOLCDKCPGPTYLKQCTAKMKTVCAPCPDHYTDSWHTSDCLVCSPVCKEL 90
Db 104 qvctgctegntcctcrgwycalsgqgcrlcaaplrcrgfgfayrgtetsdvcp 163
      |::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|
Qy 91 QYVKQECNRTNHNVCCKEGRY--LEI-EFC-L-KH-RSCPFGVQAGTPEERNVCKR 144
Db 164 capgtsntstsdicrphicnv 187
      |::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|
Qy 145 CPDGFNSNETSKAPCKRHTNCSV 168

RESULT 2
ENTRY   148854 #type fragment
TITLE   gene murine tumor necrosis factor receptor 2 protein - mouse
ORGANISM
#formal_name Mus musculus #common_name house mouse
DATE    02-Jul-1996 #sequence_revision 02-Jul-1996 #text_change
02-Jul-1996
ACCESSIONS
REFERENCE 148854
#authors  Powell, E.E.; Wicker, L.S.; Peterson, L.B.; Todd, J.A.
#journal  Mamm. Genome (1994) 5:726-727
#title    Allelic variation of the type 2 tumor necrosis factor
             receptor gene.
#cross-references MIMD:95178848
#accession 148854
#status     Preliminary; translated from GB/EMBL/DBJ
#molecule-type mRNA
#residues   1-459 ##label RES
#cross-references EMBL:X76401; NID:g433830; CDS_PID:g433831
GENETICS
#note      gene name murine tumour necrosis factor receptor 2
SUMMARY
#length 459 #checksum 3156
Query Match 13.2%; Score 377; DB 14; Length 459;
Best Local Similarity 41.5%; Pred. No. 3, 33e-43;
Matches 66; Conservative 21; Mismatches 61; Indels 11; Gaps 7;
Db 37 gmcakcpqgykhkfcntsdvccadcaamytyqwgfrfclssscscsdqvctirc 96
      |::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|
Qy 38 QLLCDKCPGPTYLKQCTAKMKTVCAPCPDHYTDSWHTSDCLVCSPVCKELQYVVKQC 97
Db 97 tkqgnrvccacagrycalkthsgcrgcmrlskcpgfgvaasrapngvllkacaptgf 156
      |::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|
Qy 98 NRTNHNVCCKEGRY--LEI-EFC-L-KH-R-S-CPPGFGVQAGTPEERNVCKRCPDGF 150
Db 157 sdttsdvcrcphicntsdvccadcaamytyqwgfrfclssscscsdqvctirc 191
      |::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|::|
Qy 151 SNETSKAPCKRHTNCSVFGLLTQKGNATHDNICGNS 189

RESULT 3
ENTRY   B38634 #type complete
TITLE   tumor necrosis factor receptor type 2 precursor - mouse
ORGANISM
#formal_name Mus musculus #common_name house mouse
DATE    30-Jun-1992 #sequence_revision 30-Jun-1992 #text_change
18-Oct-1996
ACCESSIONS
REFERENCE  B38634; A40254; S54816
#authors  Lewis, M.; Tartaglia, L.A.; Lee, A.; Bennett, G.L.; Rice,
             G.C.; Wong, G.H.W.; Chen, E.Y.; Goeddel, D.V.
#journal  Proc. Natl. Acad. Sci. U.S.A. (1991) 88:2830-2834
#title    Cloning and expression of cDNAs for two distinct murine tumor
             necrosis factor receptors demonstrate one receptor is
             species specific.
#cross-references MIMD:91187885
#accession  B38634
#molecule-type mRNA
#residues   1-474 ##label LEW
#cross-references GB:M60469

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REFERENCE
#authors      Goodwin, R.G.; Anderson, D.; Jerzy, R.; Davis, T.; Brannan, A40254
#journal      Mol. Cell. Biol. (1991) 11:3020-3026
#title        Molecular cloning and expression of the type 1 and type 2 murine receptors for tumor necrosis factor.
#cross-references MIMD:91246168
#accession    A40254
#molecule_type mRNA
#residues     1-474 #label GOO
#cross-references GB:M60469
REFERENCE
#authors      Kisonerniglis, M.; Fellowes, R.; Feldmann, M.; Chernaiovsky, Y.
#submission   submitted to the EMBL Data Library, May 1995
#description   Characterization of the promoter region of the murine p75-TNFR receptor.
#accession    S54816
#status       Preliminary
#molecule_type DNA
#residues     1-72 #label KIS
#cross-references EMBL:X87128
CLASSIFICATION
#superfamily   tumor necrosis factor receptor type 2; NGF receptor repeat homology
FEATURE
1-72          #domain signal sequence
23-474        #product tumor necrosis factor receptor type 2 #status predicted #label MAT\
40-77         #domain NGF receptor repeat homology #label NG1\
79-120        #domain NGF receptor repeat homology #label NG2\
166-203       #domain NGF receptor repeat homology #label NG4
SUMMARY
#length 474 #molecular_weight 50319 #checksum 7767
Query Match      13.1%; Score 375; DB 6; Length 474;
Best Local Similarity 41.5%; Pred. No. 7.36e-43;
Matches 66; Conservative 21; Mismatches 61; Indels 11; Gaps 7;
Db 52 qmccakppqgyvhfknktsdvcadceasmtyqvwngfrtclscassctdqyelrac 111
QY 38 QLLCDKCPRGYLYKHQHTAKKMTVCAPCPDHYYTDSWHTSDELYCSPYCKEILQYKQFC 97
Db 112 tkqnyrvcaeaagycalcikthsgscrgcmclskcpggfygaasrarnpynvlkcaapgf 171
QY 98 NRTNRFVCECEGRY--LEIEF--CLKH-R-S-CPGFGVQAGTPEMTVCKRCPCDGF 150
Db 172 sdttscdvcvrfhscfscf--jalp--gnastadvcapes 206
QY 151 SNETSKAPCKKHTNCVSFGLLTQKQNAHHDICGNS 189
RESULT 4
ENTRY      A60771 #type complete
TITLE      B-cell activation protein CD40 precursor - human
ALTERNATE_NAMES B-cell surface antigen Bp50
ORGANISM   Homo sapiens #common_name man
DATE       03-Jun-1993 #revision 03-Feb-1994 #text_change 06-Sep-1996
ACCESSIONS S04460; A60771
REFERENCE  S04460
#authors   Stamenkovic, I.; Clark, E.A.; Seed, B.
#journal   EMBO J. (1989) 8:1403-1410
#title     A B-lymphocyte activation molecule related to the nerve growth factor receptor and induced by cytokines in carcinomas.
#cross-references MIMD:89356608
#accession S04460
#molecule_type mRNA
#residues 1-277 #label STA
#cross-references EMBL:X60592
REFERENCE  A60771
#authors   Braesch-Andersen, S.; Paulie, S.; Koho, H.; Nilka, H.; Aspenstrom, P.; Perlman, P.
#journal   J. Immunol. (1989) 143:562-567

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#title      Biochemical characteristics and partial amino acid sequence
             of the receptor-like human B cell and carcinoma antigen
             CDw40.
#accession  A60771
##molecule_type  protein
##residues      21-50 ##label  BRA
##experimental_source  Burkit Lymphoma cell line Raj1
GENETICS
#gene         GDB:CD40
##cross-references  GDB:215268
#map_position  20q12-20q13.2
KEYWORDS
FEATURE
1-20
21-27
21-193
194-215
216-277
153,180
#domain signal sequence #status predicted #label sig\
#product B-cell activation protein CD40 #status
#experimental #label MAR\
#domain extracellular #status predicted #label EXT\
#domain transmembrane #status predicted #label TM\
#domain intracellular #status predicted #label CYT\
#binding-site carbohydrate (Asn) (covalent) #status
#predicted
SUMMARY
#length 277 #molecular-weight 30619 #checksum 6261
Query Match
Best Local Similarity 36.8%: Pred. No.1,19e-30:
Matches 56; Conservative 21; Mismatches 67; Indels 8; Gaps 7;
Db 38 csleqpqgklysdctetfetcjpcgsesfidtwarethcqhkycdpn-lygr-vqgkx 95
41 CDKCPRGYTLKHCTAKWKTYCACPDPHYTDSWHTSDEC-L--YCSFVCKELQYVKEC 97
Db 96 tsecdtlctceegyhcsceasecvlhrscspgygvkqiatysdltceppgyffnvs 155
98 NRTNRRVCECEEGRY-L-EI-EFLTKRRSCPGRGVVQAGTPERNTVCKRCPOGFESNET 154
Db 156 safekchpwtsceckdlvvgagqnrkdvvcg 187
97 155 SSKAPCRKHTNCSYFGLLDTQKGNATHDNICS 186
OY
RESULT 5
ENTRY A46515 #type complete
TITLE B cell-associated surface molecule CD40 - mouse
ORGANISM Mus musculus #common_name house mouse
DATE 18-Jun-1993 #sequence_revision 18-Nov-1994 #text_change
03-Mar-1995
ACCESSIONS A46515
REFERENCE A46515
#authors Grimaldi, J.C.; Torres, R.; Kozak, C.A.; Chang, R.; Clark,
E.A.; Howard, M.; Cockayne, D.A.
#journal J. Immunol. (1992) 149:3921-3926
#title Genomic structure and chromosomal mapping of the murine CD40
#gene.
#cross-references MIMD:93094586
#accession A46515
#status preliminary; not compared with conceptual translation
##molecule_type nucleic acid
##residues 1-289 ##label GRI
##cross-references NCBIP:120357
##experimental_source BALB/c, liver
##note sequence extracted from NCBI backbone
SUMMARY #length 289 #molecular-weight 3111 #checksum 579
Query Match
Best Local Similarity 38.8%: Pred. No.3,7e-29:
Matches 59; Conservative 20; Mismatches 65; Indels 8; Gaps 6;
Db 38 cdleqpqgsrlshctalektgpcdsqsfagwreilrchqhncepn-qglr-vkqeg 95
41 CDKCPRGYTLKHCTAKWKTYCACPDPHYTDSWHTSDEC-LV--CSFVCKELQYVKEC 97
OY
Db 96 taesdtctckegqhtcskdeacacqhtpctclpfgvwmamatetdtclchpcpygfins 155
97 96 taesdtctckegqhtcskdeacacqhtpctclpfgvwmamatetdtclchpcpygfins 155

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QY      98  NRTNHRVCECKEGRY-L--EIFELKHSRCPGFGVVOAGTPERNTVCKRCPDGFSSNET 154
Db      156  s1fckcypwtscedknlv1qkqtsqtnv1cg 187
QY      155  SSKAPCRKHTNCSVFGLLTQKGNATHDNICS 186

RESULT      6
ENTRY      A46476 #type complete
TITLE      CD40 - mouse
ORGANISM   #formal_name Mus musculus #common_name house mouse
DATE       18-Jun-1993 #sequence_revision 18-Nov-1994 #text_change
          18-Nov-1994
ACCESSIONS A46476
REFERENCE   A46476
#authors   Torres, R.M.; Clark, E.A.
#journal   J. Immunol. (1992) 148:620-626
#title     Differential increase of an alternatively polyadenylated mRNA
           Species of murine CD40 upon B lymphocyte activation.
#cross-references MUID:92105763
#accession  A46476
#status    Preliminary
#molecule_type mRNA
#residues  1-305 ##label TOR
#cross-references NCBIN:75206: NCBIP:75207
#note      sequence extracted from NCBI backbone
SUMMARY    #length 305 #molecular-weight 33617 #checksum 5203

Query Match      10.38; Score 294; DB 14; Length 305;
Best Local Similarity 38.88; Pred. No. 3,73e-29;
Matches 59; Conservative 20; Mismatches 65; Indels 8; Gaps 6;

Db      38  cd1cpggsr1lts1nct1ektqchpcdsgefsagwne1rthcqhnrhepn-qqlr-vkxeg 95
QY      41  CDKCPGTYLKHQCTAKKMTVCAPCPDHYTDSMHTSDEC-LX--CSPVCKELQVYKQBC 97
Db      96  taesd1vc1ckekqghctsd1ceacaghtpc1p1qfygmamatet1d1chp1cp1qfyf1ns 155
QY      98  NRTNHRVCECKEGRY-L--EIFELKHSRCPGFGVVOAGTPERNTVCKRCPDGFSSNET 154
Db      156  s1fckcypwtscedknlv1qkqtsqtnv1cg 187
QY      155  SSKAPCRKHTNCSVFGLLTQKGNATHDNICS 186

RESULT      7
ENTRY      GOVZML #type complete
TITLE      T2 protein - myxoma virus (strain Lausanne)
ORGANISM   #formal_name myxoma virus
DATE       31-Dec-1992 #sequence_revision 31-Dec-1992 #text_change
          26-Apr-1996
ACCESSIONS A40566
REFERENCE   A40566
#authors   Upton, C.; Macen, J.L.; Schreiber, M.; McFadden, G.
#journal   Virology (1991) 184:370-382
#title     Myxoma virus expresses a secreted protein with homology to
           the tumor necrosis factor receptor gene family that
           contributes to viral virulence.
#cross-references MUID:91335768
#accession  A40566
#molecule_type DNA
#residues  1-326 ##label UPT
#cross-references GB:M37976
CLASSIFICATION #superfamily myxoma virus T2 protein; NGF receptor repeat
               homology
KEYWORDS     glycoprotein
FEATURE      64-105 #domain NGF receptor repeat homology #label NG2\
106-147 #domain NGF receptor repeat homology #label NG3\
66,181,205,238 #binding-site carboxylate (Asn) (covalent) #status
               predicted
SUMMARY    #length 326 #molecular-weight 35208 #checksum 9255

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Query Match      9.48; Score 269; DB 2; Length 326;
Best Local Similarity 33.88; Pred. No. 4,86e-25;
Matches 47; Conservative 25; Mismatches 58; Indels 9; Gaps 8;

Db      40  ctscppgsyasl1cpggsd1vc1cpkne1ftast1hapacvscrg1rctgh1sesqcdkt 99
QY      41  CDKCPGTYLKHQCTAKKMTVCAPCPDHYTDSMHTSDEC1CSPVCKELQVYKQBCNRT 100
Db      100  r1drvc1csag1nycl1kqgqg1rc1cap1k1cpag1yvs--gh1rtg1d1c1cp1ry1ysd1v 158
QY      101  HNRVCECKEGRY--LE-IEFC-L-KHRS--CPGFGVVOAGTPERNTVCKRCPDGFSSNET 154
Db      159  s1etctc1sf1ny1svef1n1 177
QY      155  SSKAPCRKHTNC-SV-FGL 171

RESULT      8
ENTRY      B43692 #type complete
TITLE      T2 protein - rabbit fibroma virus
ORGANISM   #formal_name rabbit fibroma virus, Shope fibroma virus
DATE       30-Sep-1993 #sequence_revision 30-Sep-1993 #text_change
          26-Apr-1996
ACCESSIONS B43692
REFERENCE   A43692
#authors   Upton, C.; Delange, A.M.; McFadden, G.
#journal   Virology (1987) 160:20-30
#title     Tumorigenic poxviruses: genomic organization and DNA sequence
           of the telomeric region of the Shope fibroma virus genome.
#accession  B43692
#status    Preliminary
#molecule_type DNA
#residues  1-325 ##label UPT
#cross-references GB:M17433
CLASSIFICATION #superfamily NGF receptor repeat homology
FEATURE      64-105 #domain NGF receptor repeat homology #label NG2\
106-147 #domain NGF receptor repeat homology #label NG3\
SUMMARY    #length 325 #molecular-weight 35132 #checksum 4629

Query Match      9.18; Score 260; DB 6; Length 325;
Best Local Similarity 30.58; Pred. No. 1,41e-23;
Matches 51; Conservative 31; Mismatches 77; Indels 8; Gaps 5;

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QY      101  HNRVCECKEGRY--L--EIF--FLKHSRCPGFGVVOAGTPERNTVCKRCPDGFSSNET 154
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QY      155  SSKAPCRKHTNCSVFGLLTQKGNATHDNICSNS1ES1QK1GID1V1TL 201

RESULT      9
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TITLE      tumor necrosis factor receptor 2-related protein - human
ORGANISM   #formal_name Homo sapiens #common_name man
DATE       24-May-1996 #sequence_revision 24-May-1996 #text_change
          24-May-1996
ACCESSIONS I54182
REFERENCE   I54182
#authors   Baens, M.; Chafanet, M.; Cassiman, J.J.; Van den Berghe, H.;
           Marynen, P.
#journal   Genomics (1993) 16:214-218
#title     Construction and evaluation of a hncDNA library of human 12p
           transcribed sequences derived from a somatic cell hybrid.
#cross-references MUID:93252381
#accession  I54182
#status    preliminary; translated from GB/EMBL/DBD

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